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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: William F. Walsh and Michael J. Arbolino

For: METHOD, APPARATUS AND COMPUTER-BASED
PROGRAM FOR EXCLUSIVE INVESTMENT OF DEBENTURE CREDIT

CERTIFICATION UNDER 37 CFR § 1.10

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the U.S. Postal Service on June 6, 2000, in an envelope as "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR § 1.10, Mailing Label Number EL485847926US addressed to the: Assistant Commissioner for Patents, Washington, DC 20231.

Karen Spina

Karen Spina

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231

Sir:

PATENT APPLICATION TRANSMITTAL LETTER

Transmitted herewith for filing, please find the following:

Type of Application:

- ☒ Utility (non-provisional)
- ☐ Divisional
- ☐ Continuation
- ☒ Continuation-In-Part (CIP)

Incorporation by Reference:

- ☐ The entire disclosure of the prior application, **from which a copy of the Oath or Declaration is supplied**, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein. (37 CFR § 1.63(d))

Benefit of Prior U.S. Application(s) Claimed (37 CFR § 1.78):

- ☒ PLEASE ENTER THE FOLLOWING AMENDMENT TO THE SPECIFICATION UNDER THE CROSS REFERENCE TO RELATED APPLICATIONS SECTION:

- ☐ This application claims the benefit of **U.S. Provisional Application(s) No(s)**. 60/_____, filed on _____.
- ☒ This application is a ☐ **continuation** ☒ **continuation-in-part** ☐ **divisional** of copending **U.S. Application Serial No(s)**. 09/253,880, filed on February 22, 1999, which is a continuation-in-part of U.S. Application Serial No. _____, filed _____, which claims the benefit of U.S. Provisional Application No. _____, filed on _____.
- ☐ **International Application No.** _____ filed on _____ and which designated the U.S.

Benefit of Prior Foreign Application(s):

- ☐ Priority is claimed under 35 U.S.C. § 119 of Application No. _____ filed on _____ in _____ [COUNTRY].
- ☐ A Certified Copy of each of the following application(s) for which priority is claimed:

COUNTRY	APPLICATION NO.	FILING DATE

- ☐ is enclosed.
- ☐ has been filed in prior Application Serial No. 0/_____, which was filed on _____.

filed on _____.

Application Elements Enclosed:☒ 9 Pages of Specification☒ 5 Pages of Claims☒ 5 Sheets of Drawings☐ Formal☒ Informal☐ Petition to Accept Photographs (*37 CFR § 1.84(b)*).☒ 1 Page(s) of Abstract of the Disclosure**Accompanying Application Parts:**☐ Associate Power of Attorney☐ Preliminary Amendment☐ Information Disclosure Statement☐ Form PTO 1449 (PTO/SB/08A, 08B)☐ Copies of Cited References☐ Nucleotide and/or Amino Acid Sequence Submission (*37 CFR §§ 1.821-1.825*).☐ Microfiche (Appendix) (*37 CFR § 1.96(c)*).☒ Return Receipt Postcard (itemized)**Declaration or Oath and Power of Attorney:**☐ New (executed original or copy).☒ New (unexecuted).☐ Copy from prior application (*37 CFR § 1.63(d)*)

Deletion of Inventor(s) (37 CFR § 1.63(d)(2), 1.33(b)):

☐ Signed Statement deleting inventor(s) named in the prior application is attached.

Assignment:

☐ An executed Assignment of the invention to: _____

Small Entity Statements:

☐ Statement(s) that this is a filing by a small entity under 37 §§ CFR 1.9 and 1.27 attached.

☐ Status as a small entity was claimed in prior U.S. Application Serial No. _____, filed on _____. **Status is still proper and desirable.**

☐ A copy of the statement in prior application is enclosed.

The filing fee has been calculated as shown below:

	NO. <u>FILED</u>	NO. <u>EXTRA</u>	<u>SMALL ENTITY</u>		<u>OR</u>	<u>OTHER THAN SMALL ENTITY</u>	
			<u>RATE</u>	<u>FEE</u>		<u>RATE</u>	<u>FEE</u>
FOR:							
BASIC FEE				\$345	<u>OR</u>		\$690
TOTAL CLAIMS	<u>25</u> - 20 = <u>5</u>		x 9 =	\$ 45	<u>OR</u>	x 18 =	\$
INDEP. CLAIMS	<u>4</u> - 3 = <u>1</u>		x 39 =	\$ 39	<u>OR</u>	x 78 =	\$
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM(S)			+130 =	\$	<u>OR</u>	+260 =	\$
TOTAL				\$429	<u>OR</u>		\$

Method of Payment of Fees:

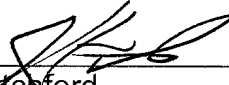
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NOTE: if no fees are to be paid on filing, the following items should NOT be completed.

- ☐ The Commissioner is authorized to charge payment of the following fees and to refund any overpayment associated with this communication or during the pendency of this application to Deposit Account No. 50-0979. **This sheet is provided in duplicate.**
- ☐ Filing fees (37 CFR § 1.16(a), (f) or (g)).
- ☐ Presentation of extra claims (37 CFR § 1.16(b), (c) and (d)).
- ☐ Surcharge for filing the basic filing fee and/or declaration later than the filing date of the application (37 CFR § 1.16(e)).
- ☐ 37 CFR §§ 1.17(a)(1)-(5) (Extension fees pursuant to 37 CFR § 1.136(a)).
- ☐ Application processing fees (37 CFR § 1.17).
- ☐ 37 CFR § 1.18 (Issue Fee at or before mailing of Notice of Allowance pursuant to 37 CFR 1.311(b)).

Date: June 6, 2000



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METHOD, APPARATUS AND COMPUTER-BASED PROGRAM FOR EXCLUSIVE INVESTMENT OF DEBENTURE CREDIT.

5 This application is a continuation-in-part patent application of co-pending US application serial number 09/253,880 filed Feb. 22, 1999.

BACKGROUND OF THE INVENTION

1. Field of the Invention

10 The present invention relates to a system for a single financial package that may include securities, arrangements, legal agreements and technical management facility that facilitates execution and aggregates financial cash flows from financial arrangements or securities offered by multiple entities such that the assets and liabilities are either directly or indirectly altered, collateralized, borrowed-against and / or redirected, and combined to produce an enhanced portfolio value of the financial products. The preferred embodiment
15 of the invention relates to an electronic management facility that aggregates, reports and analyzes the performance of the package of assets, such as investments, and liabilities, such as loan obligations. The same management facility will provide significant operational and distribution capacity through a browser based internet application that brings providers of financial products together into a synthesized financial package.

20 2. Description of the Prior Art

Recently, there has been a proliferation of financial products that provide greater flexibility and more customized solutions to both borrowers and investors.

25 Additionally there is an increasing sophistication in financial cash management. This sophistication has generated a proliferation of processes surrounding a comprehensive risk management of assets and liabilities. Sophisticated risk management systems have evolved in financial firms as a means to manage their in-house financial positions. Further, financial firms are beginning to provide similar services to their retail customers for management of in-house products.

30 The various means of implementing, coordinating, supervising, analyzing and reporting on an array of investments-in an array of accounts within a financial institution

are evolving as a service and used as a vehicle to encourage the purchase of multiple financial service products from the institution. While such means also may provide a level of efficient cash flow management, it is currently not possible for a retail customer to manage a combination of asset and liability products from multiple entities in such a personal risk management system. The many choices of wholly separate financial products can not be transacted and managed in a comprehensive asset / liability management product. Additionally, there is a possibility to unlock value tied-up in implicit assets and liabilities within traditional investment products.

In the current institutional marketplace, the traditional investment method is as follows:

1. The Homeowner has liability account (mortgage lender) with a lending institution and pays monthly interest and principal payments to the lender.
2. The Lender sells the loans through federal agency loan buying programs, to Federal Agencies such as Fannie Mae.
3. The Agency repackages the cash flow streams into securitized pools and sells them to institutional investors.
4. The Agencies are left with default exposure on the purchased loans.
5. The Agencies aggregate their default exposure and create default securities and sells them to other investors.

While the traditional approach creates some value for investors, there remains untapped value in the securities as the principal payments of the aggregated loans are paid to the lending institutions.

Adkins, U.S. patent 5,852,811 issued 12/22/1998, discloses a computer-embodied method for handling both the creation of a mortgage together with investments that are handled by the same lending and investing institution. Adkins, U.S. patent 5,644,727 issued 7/1/1997, is directed to a computer based system for operating a plurality of client financial accounts; Adkins, U.S. patent 4,953,085 issued 8/28/1990, is directed towards a account and subaccount allocation by the disclosed method.

However, in light of the above-mentioned systems and methods there remains a need for a many-to-many match between mortgage lending institutions and asset

management institutions, and a computer-processed product that is a combination of two existing products; a securitized loan (such as a home mortgage), an asset management package (such as a mutual fund) and a mechanism to generate and utilize implicit value through explicit asset and liability cash-flows which would allow financial institutions to maintain and benefit from their existing good-will and brand-recognition.

In addition, there is a need for a method / system for creating more value out of traditional real estate investment vehicles and securities.

SUMMARY OF THE INVENTION

The present invention is a method and system that produces a single financial package including a security arrangement, legal agreement(s) and technical management facility that aggregates the values of present or future financial cash flows from financial arrangements or securities offered by multiple entities such that the assets and liabilities are combined through agreements and other such arrangements to produce an enhanced portfolio value of the financial products.

The combination of asset and liability management in a single product enhances the prospects of net borrowing at less-expensive values. Similarly, the combination of asset and liability management in a single product can enhance the leverage of an investor. Thus, a user who is both an investor and a borrower can enhance the total efficiency of his / her position by combining separate financial products in a comprehensive package. While the efficiency of cash-flow management can be achieved through a comprehensive asset/liability package, further enhanced efficiency can be achieved through the combination of products from specialists' financial entities into this single package.

Principally, the asset management entity and the lending entity will separately administer their respective products and additionally, will collaterally agree to manage the cash flows through the combined asset / liability package in accordance with the participation provisions or legal agreements. The borrowing agreement with the participating lender will stand as a legal arrangement consistent with the provisions of conventional agreements. The lending agreement will be priced and maintained at observable market levels. Similarly, the asset management products will be administered

by the asset management entities consistent with separate management agreements. The performance of such products will be simultaneously administered in the combined hybrid package. The participation agreement will link the separate products into a single package.

5 Some individual asset or liability products contain implicit assets and/or liabilities. For example, a loan obligation requires that the principle reduction payments are at regular intervals at a negotiated interest rate. This principle reduction reduces the liability of the borrower. As this liability is reduced, less interest is paid to the lending institution. Therefore, every reduction in principle can be viewed as an investment
10 against a future obligation to pay interest. This investment portion of the overall liability product represents an implicit asset investment vehicle.

 The present invention provides for the re-direction of this implicit asset within a liability obligation such that the implicit asset will be eliminated through either another implicit or explicit liability (contained within the agreement of the product) with the
15 cash-flows from the liability funding, being directed into an explicit asset vehicle. For example, the principle payments on a loan are not effectively used to reduce the net liability of a borrower, but rather refunded and used to invest elsewhere. In the case of providing enhanced efficiency to liability holders, one of the novel aspects of the present invention is that the single product of the present invention, through various methods
20 converts an implicit asset imbedded in the liability obligation into an explicit asset to be managed alongside the liability as an explicit (and presumably more efficient) portfolio of both assets and liabilities.

 Similarly, buying an asset investment product requires that a lump sum of money be used to purchase the asset investment vehicle. To make this payment, cash must
25 ultimately be debited from an account. Therefore, the purchaser implicitly borrows from another asset account. Whether the asset borrowed against is a savings account paying interest, a margin account requiring interest, or another investment forgoing some rate of return, it is clear that a cost / liability is associated with the purchase of an asset investment. The cost of the purchase of an investment is currently not explicitly
30 accounted for within investment vehicles. The current invention provides a structure

whereby an investor can purchase assets with implied assets contained in the liability of a loan (principle amortization schedule), whereby the principle payments on a loan are effectively directed into asset investments rather than used to pay down the net liability obligation of the borrower. In other words, the asset investment product is structured such that the funding of the investment is included in the product. Advantages of this structure include the possibility that an investor can leverage a liability to purchase assets and/or that an investor can possibly fund an asset purchase more efficiently than through other conventional means.

The hybrid financial product is structured such that an individual can enter into a conventional lending agreement with a traditional cash-flow structure. An amendment to the lending agreement would provide the individual the right and / or obligation to redirect the scheduled principal amortization cash flows from the lender. The principal cash flows would be passed-through the management facility onto an asset management partner. The asset management returns will be monitored and reported in the management facility and combined with the loan obligation to create a complete asset / liability performance model.

The facility may aggregate low level information about the cash flows from the lending entity and returns on the investment vehicles on a customer level. The accounts may be held in trust. The investment returns may be received directly or indirectly from the asset manager of record. The liability cash flows will be generated from the lending partners' records. The two assets of records will be joined on the investor level. Loan equity analysis and reports will document the principal accumulation in the combined package. Analyses contrasting accelerated home equity performance versus home equity accumulation with a conventional principal paydown schedule will be generated. Additionally, an asset / liability allocation model or performance model may graphically represent the current total wealth picture verses interactive assumptions on back-tested and projected performance under conventional and redirected principal schedules.

There are several ways in which to structure arrangements that would utilize the cash-flows from implicit assets and liabilities. The present invention is the method for transferring implicit cash-flows within an individual's portfolio into explicit cash-flows

by combining assets and liabilities in a single structure that can be measured and managed and redirected by the individual. Some of the agreements used to create these structures are Separately administered Agreements.

5 The entities may maintain separate agreements with the customer while all of the parties agree to have one of many types of agreements to which all parties have certain obligations to the aggregated product to be differentiated by the specific manner by which the cash-flows are transferred.

10 Single integrated agreement are agreements in which all parties agree to have their legal obligations with regard to their respective products to be transferred to the aggregating entity.

Within the general structure of either the separate customer legal relationships or a single customer legal relationship there exists many types of arrangements that the cash-flows can pass through. In addition to others, a particular cash-flow structure may utilize any or all of the following arrangements or agreements;

- 15 1. **An Umbrella Agreement** : A legal document that defines the cash-flows for all parties.
2. **A Management Facility Agreement / Arrangement**: Agreement / Arrangement that allows a service entity to handle all cash-flows of all the parties and is the record manager. The Management Facility is computer-
- 20 based in the preferred embodiment.
3. **A Custody / Trust**: A regulated entity that houses the financial products and has fiduciary responsibilities for the security of the cash-flows.
4. **A Performance Security**: A SEC regulated security that pays on a determined formula that references the underlying instruments.
- 25 5. **A Customer Level Account**: A third party customer account balance which, is used to determine buying power of the aggregated assets and liabilities.

Utilizing any of the above-mentioned arrangements, a cash-flow event can be created in many ways. Each arrangement will embed costs or market frictions would make each mechanism more or less feasible. Examples of ways to create a cash-flow event are:

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DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Systems and methods which, fulfill the above-mentioned needs and provide other beneficial features in accordance with the present invention are described below with reference to the figures. Those skilled in the art will readily appreciate that the description given herein with respect to the figures is for explanatory purposes only and is not intended in any way to limit the scope of the invention. In addition, common reference numbers are used throughout the figures to represent common elements.

Referring now to the figures, Fig. 1 shows a system block diagram of a preferred embodiment of the present invention. The product called Net-Worth Mortgage is produced as follows. The Homeowner 1, pays monthly principal payments 5, and interest 6, to Lender 2, who accepts principal and interest payments from Homeowner 1, through a legal agreement. Through a second agreement, the principal payments in the form of a synthetic loan 7, are directed back to the control of the homeowner 1, who utilizes a financial management system 4, to direct the principal into an asset management vehicle 3.

The Net Worth Mortgage Management Facility 4, is the central operating account through which all transactions between the Lender 2, and Asset Manager 3, are implemented, coordinated, controlled, analyzed and reported to the client. Through the Net Worth account the client is provided with client reports updated on a real time basis, portfolio management and financial services, including personal financial planning services.

Figure 2 shows the many-to-many match of the preferred embodiment. The Net Worth mortgage 13, is a financial product that is a combination of asset and liability accounts. Reference numbers 10-12 shows examples of asset managers such as Fidelity 10, Charles Schwab 11, and Vanguard 12. Reference numbers 16-18 show examples of liability accounts i.e. mortgage lenders, such as Chase 16, Country Wide 17 and Citibank 18. Another embodiment of the present invention contains an Asset management tool, 15 for example Quicken, Personal Wealth, or Microsoft Money, and provision to allow quotes for mortgage loans 14, for example, E-Loan, Best-Quote or Loan Shop.

Figure 3 is an example of another embodiment of the present invention that shows how the value of the financial product is enhanced. Homeowners 1 pay interest and principal to mortgage lenders 2. Lenders 2, then sells the loans through specified federal agency loan buying programs, to Federal Agency 19, for example, Fannie Mae. The Agency 3 repackages the cash flow streams into securitized pools and sells them to institutional investors 20. The Agency 19 is left with default exposure on the specified purchased loans. The Agency 19 aggregates the specified default exposure and creates default securities. The specified default securities will then be placed into a special purpose vehicle 21 identified herein as the Financial Asset Securitization Investment Trust (FASIT). As the principal payments of the loans are made, the net present value of the FASIT increases because the default exposure to the loans decreases. The FASIT is structured such that cash flows will pass from an investor through the FASIT as values for the securities increase. As the principal payments are passed through to the lender / agency / security / trust, the cash flows are passed to a customer-directed Asset Manager 3.

The client is able to choose from a plurality of asset managers and from a plurality of mortgage lenders. In the preferred embodiment, the client can choose from a plurality of asset managers through a menu choice system, which also allows the client to view performance data. For example, the menu choice system of the present invention a shown in Figure 5, would allow a client to view pertinent information such as, Projections of earnings 27, Agreements 28, Execute 28 and Management 30.

Performance data can consist of a comparison between the NetWorth mortgage and asset performance verses a conventional mortgage. An example of performance data is shown in Figure 4.

Those skilled in the art will readily appreciate that the description given herein with respect to the figures is for explanatory purposes only and is not intended in any way to limit the scope of the invention.

We Claim:

1. A method for creating a single financial product that combines financial elements into a single financial element through a single computer-based management facility comprising the steps of:
 - 5 selecting at least one first financial institution in order to establish an asset account;
 - selecting at least one second financial institution in order to establish a liability account;
 - establishing a first legal agreement with said first financial institution;
 - 10 establishing a second legal agreement with said second financial institution; and
 - establishing an umbrella agreement that includes said first legal agreement and said second legal agreement.
2. The method of claim 1 wherein at least one of said first financial institution and at least one of said second financial institution are chosen from a plurality of asset
- 15 management financial institutions and a plurality of liability account financial institutions.
3. The method of claim 2 wherein said step of selecting said first financial institution to establish said asset account and said step of choosing said financial institution in order to establish said liability account is facilitated by a menu choice system.
- 20 4. The method of claim 3 wherein said menu choice system further includes creating a performance model.
5. The method of claim 4, wherein said menu choice system further comprising a step for establishing a reporting facility.
6. The method of claim 5, said financial product further comprises:
 - 25 a third legal agreement between said first financial institution and said second financial institution to combine at least one asset account with at least one mortgage account;
 - said umbrella agreement comprising a cash flow pass through agreement with said second financial institution and a synthetic structured loan that is based on principal
 - 30 amortization obligation with the lending institution; and

a customer level performance distribution agreement with said first financial institution.

7. The method of claim 6, said financial product further comprising:

a customer level account maintained by a third party facility encompassing a collateral agreement creating additional cash-flows from said second financial institution and a customer level cashflow transfer and servicing agreement with said first financial institution.

8. An apparatus for creating a single financial product that combines financial elements into a single financial element through a single computer-based management facility comprising:

means for choosing at least one first financial institution in order to establish an asset account;

means for choosing at least one second financial institution in order to establish a liability account;

means for establishing a first legal agreement with said first financial institution;

means for establishing a second legal agreement with said second financial institution; and

means for establishing an umbrella agreement that includes said first legal agreement and said second legal agreement.

9. The apparatus of claim 8 wherein at least one of said first financial institution and at least one of said second financial institution are chosen from a plurality of asset management financial institutions and a plurality of liability account financial institutions.

10. The apparatus of claim 9 wherein said means for choosing a financial institution to establish an asset account and said means for choosing a financial institution in order to establish a liability account is facilitated by a menu choice system.

11. The apparatus of claim 10 wherein said menu choice system further includes means for creating a performance model.

12. The apparatus of claim 11 wherein said menu choice system further comprising a means for establishing a reporting facility.

13. The apparatus of claim 12, said financial product comprising:

5 a third legal agreement between said first financial institution and said second financial institution to combine at least one asset account with at least one mortgage account;

an umbrella agreement that comprises a cash flow pass through agreement with said second financial institution and a synthetic structured loan that is based on principal amortization obligation with the lending institution; and

10 a customer level performance distribution agreement with said first financial institution.

14. The apparatus of claim 13, said financial product further comprising:

15 means for a customer level account to be maintained by a third party facility that encompasses a collateral agreement that creates additional cash-flows from said second financial institution and a customer level cashflow transfer and servicing agreement with said first financial institution.

15. In a computerized system for creating a single financial product that combines financial elements into a single financial element through a single computer-based management facility, a method comprising the steps of:

20 choosing at least one first financial institution in order to establish an asset account;

choosing at least one second financial institution in order to establish a liability account;

establishing a first legal agreement with said first financial institution;

25 establishing a second legal agreement with said second financial institution; and

establishing an umbrella agreement that includes said first legal agreement and said second legal agreement.

16. The method of claim 15 wherein at least one of said first financial institution and at least one of said second financial institution are chosen from a plurality of asset

management financial institutions and a plurality of liability account financial institutions.

17. The method of claim 16, wherein said step of choosing a financial institution to establish an asset account and said step of choosing a financial institution in order to establish a liability account is facilitated by a menu choice system.

18. The method of claim 17, wherein said menu choice system further comprises a performance model.

19. The method of claim 18, wherein said menu choice system further comprising a step for establishing a reporting facility.

20. A computer readable code for creating a single financial product that combines financial elements into a single financial element through a single computer-based management facility, said code being operable to perform a method comprising the steps of;

choosing at least one first financial institution in order to establish an asset account;

choosing at least one second financial institution in order to establish a liability account;

establishing a first legal agreement with said first financial institution;

establishing a second legal agreement with said second financial institution;

establishing an umbrella agreement that includes said first legal agreement and said second legal agreement.

21. The computer readable code of claim 20, wherein at least one of said first financial institution and at least one of said second financial institution are chosen from a plurality of asset management financial institutions and a plurality of liability account financial institutions.

22. The computer readable code of claim 21, wherein said step of choosing a financial institution to establish an asset account and said step of choosing a financial institution in order to establish a liability account is facilitated by a menu choice system.

23. The computer readable code of claim 22, wherein said menu choice system comprises a reporting facility and a performance model.

24. The computer readable code of claim 23, said financial product comprising:

5 a third legal agreement between said first financial institution and said second financial institution to combine at least one asset account with at least one mortgage account;

said umbrella agreement that comprises a cash flow pass through agreement with said second financial institution and a synthetic structured loan that is based on principal amortization obligation with the lending institution; and

10 a customer level performance distribution agreement with said first financial institution.

25. The computer readable code of claim 24, said financial product further comprising:

15 a customer level account maintained by a third party facility encompassing a collateral agreement that creates additional cash-flows from said second financial institution and a customer level cashflow transfer and servicing agreement with said first financial institution.

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	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2
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5

10

Net Worth Mortgage

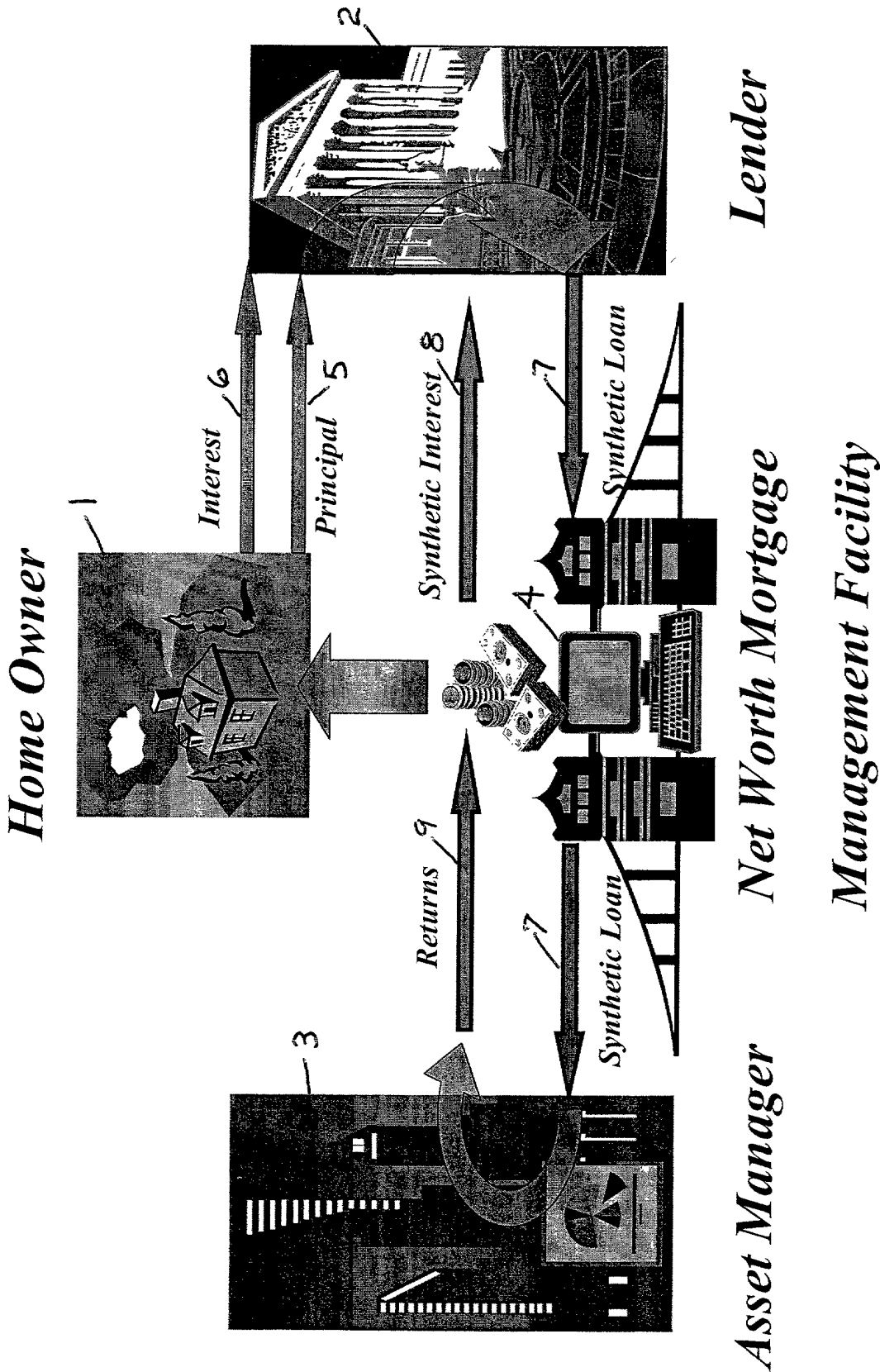


FIG. 1

E-Distribution

Net Worth

Mortgage

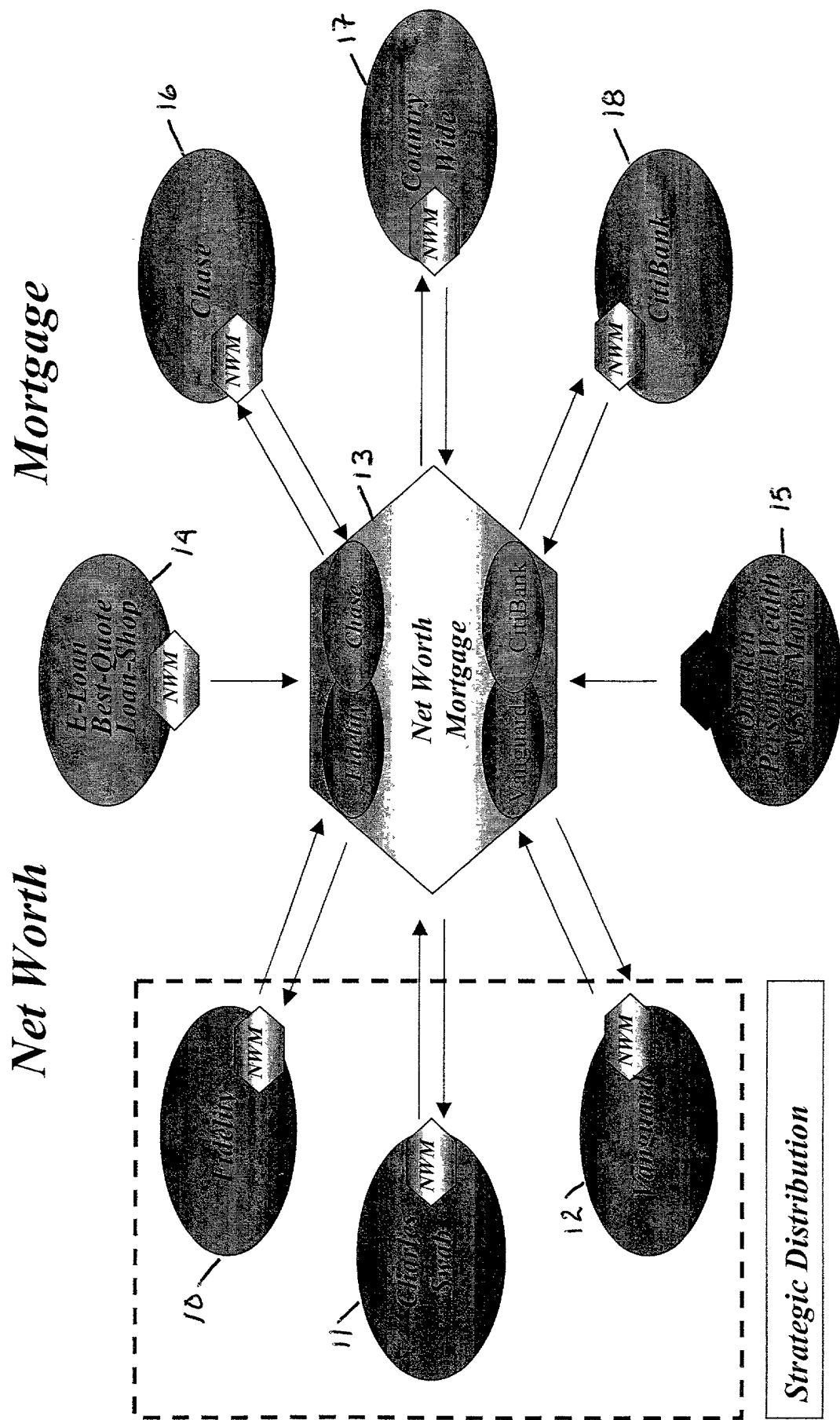


FIG. 2

009090" 68E33560

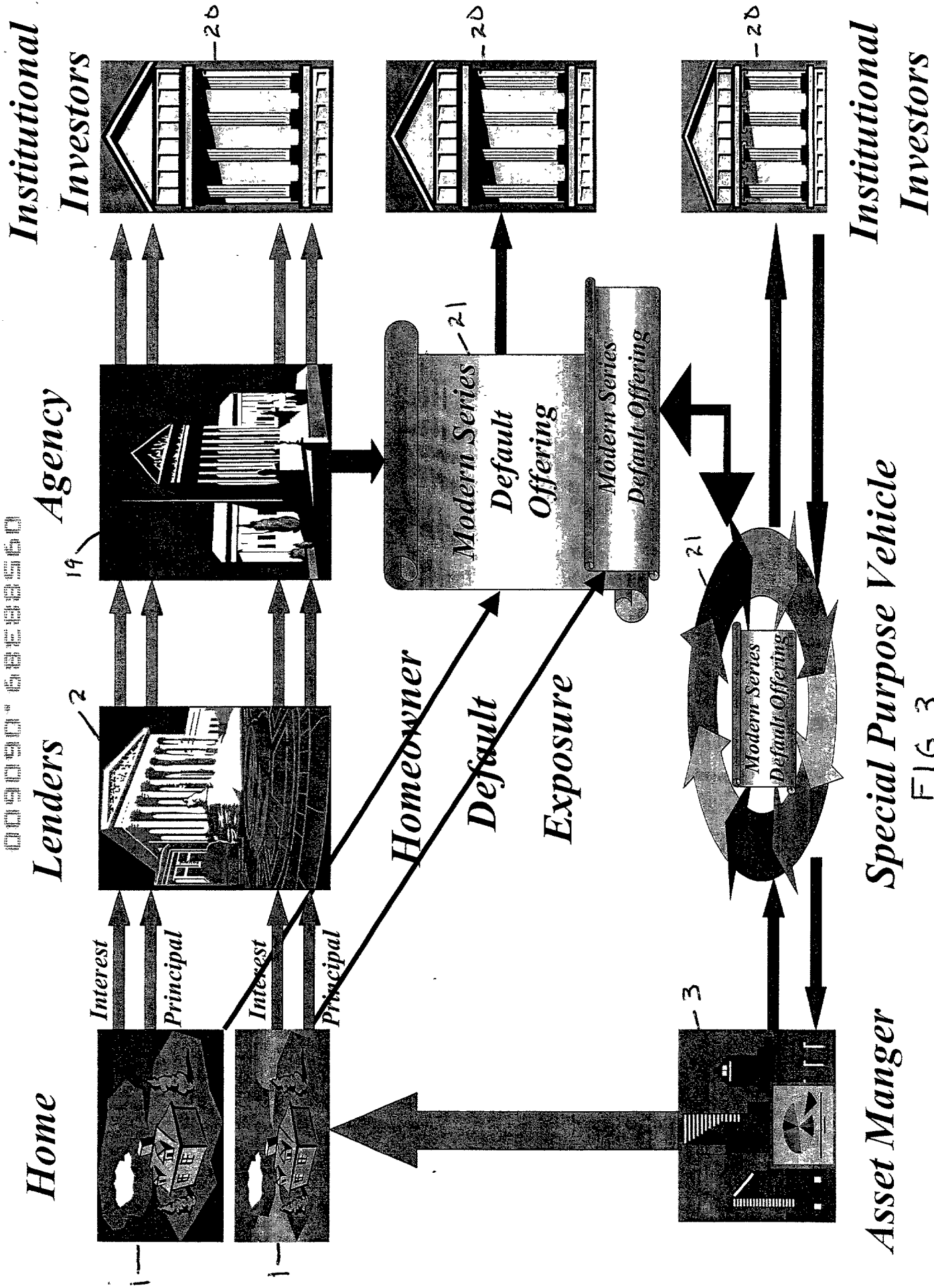


FIG. 3

003090" 68E3B55D

Net Worth Mortgage verses Conventional

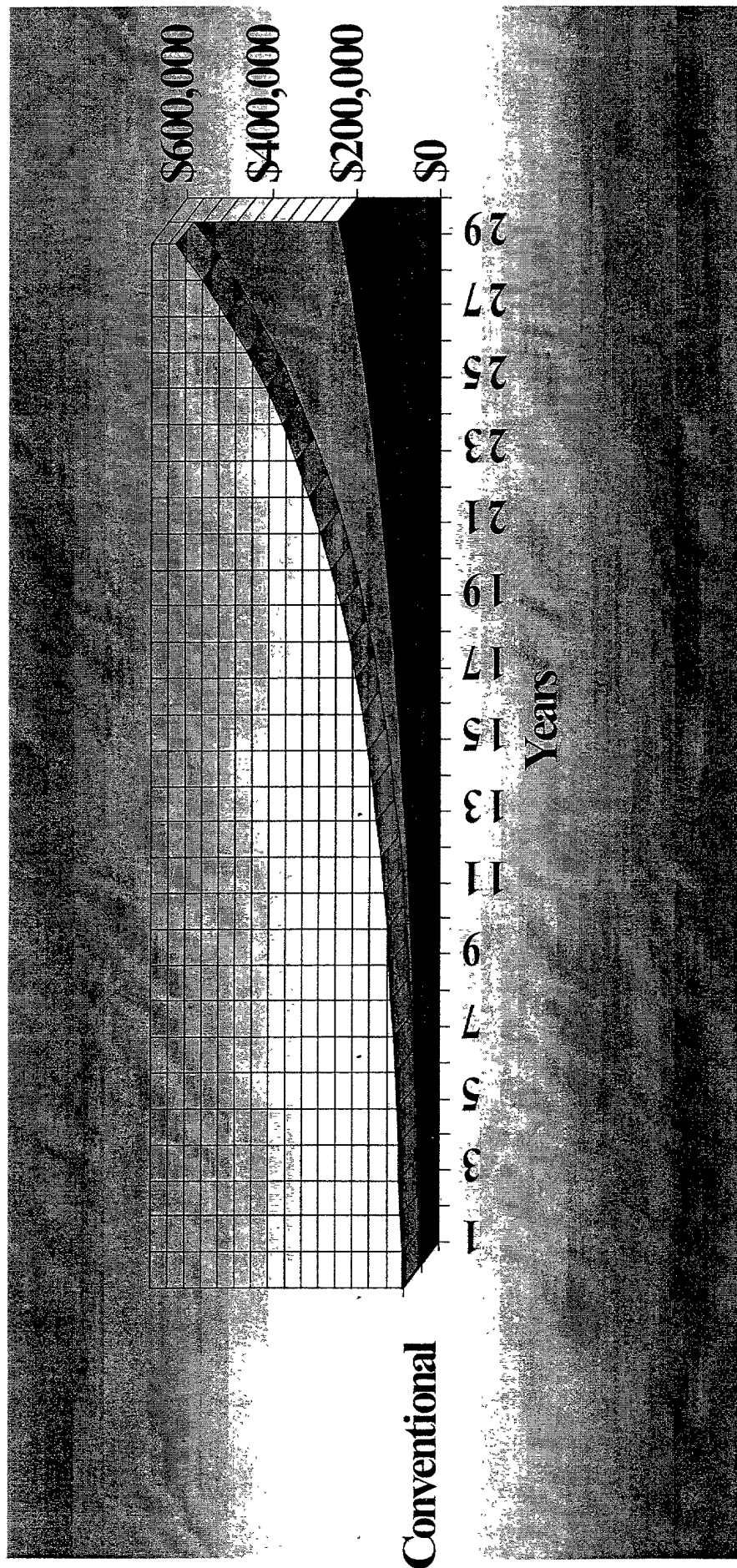
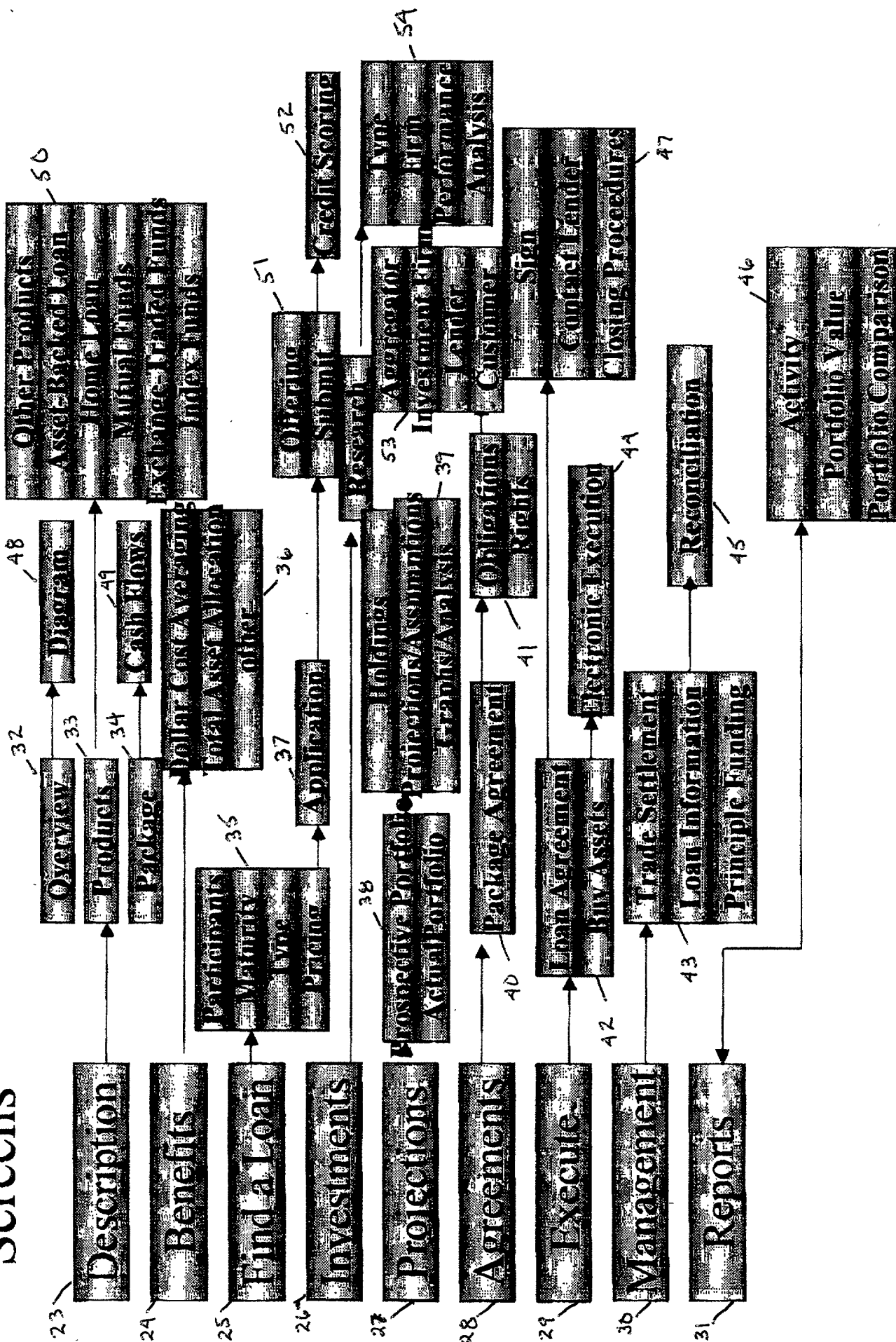


FIG. A

[illegible]

5165

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,
CONTINUATION, OR C-I-P)

As a below-named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type:

- ☒ original
- ☐ design
- ☐ supplemental
- ☐ national stage of PCT
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part (C-I-P).

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHOD, APPARATUS AND COMPUTER-BASED PROGRAM FOR EXCLUSIVE INVESTMENT OF DEBENTURE CREDIT** the specification of which:

- (a) ☒ is attached hereto **OR**
- (b) ☐ was filed on _____ as United States Application Serial Number / ____ and was amended on _____ (if applicable)
- (c) ☐ was described and claimed in PCT International Application Number _____, filed on _____ and as amended under PCT Article 19 on _____ (if any).

SUPPLEMENTAL DECLARATION (37 C.F.R. § 1.67(b))

- ☐ I hereby declare that the subject matter of the
- ☐ attached amendment
- ☐ amendment filed on _____

was part of my/our invention and was invented before the filing date of the original application, above-identified, for such invention.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR § 1.56,

- ☒ and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
- ☐ in compliance with this duty, there is attached an Information Disclosure Statement, in accordance with 37 C.F.R. § 1.98.

PRIORITY CLAIM (35 U.S.C. §§ 119(a)-(d))

I hereby claim foreign priority benefits under **35 U.S.C. § 119(a-d)** of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any **foreign application(s)** for patent or inventor's certificate or any **PCT international application(s)** designating at least one country other than the United States of America filed by me on the same subject matter having a filing date **before** that of the application(s) on which priority is claimed.

(complete (d) or (e))

- ☒ no such application have been filed.
- ☐ such applications have been filed as follows:

PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS

**(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)**

COUNTRY (or indicate if PCT)	APPLICATION NUMBER	DATE OF FILING (day/month/year)	PRIORITY CLAIMED UNDER 37 USC 119	CERTIFIED COPY ATTACHED?
			<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States *provisional* application(s) listed below.

Application Numbers	Filing Date (month/day/year)

**CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S)
UNDER 35 U.S.C. § 120**

- ☒ The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART (C-I-P) APPLICATION.

**ALL FOREIGN APPLICATION(S), *IF ANY*, FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

COUNTRY (or indicate if PCT)	APPLICATION NUMBER	DATE OF FILING (day/MONTH/year)	PRIORITY CLAIMED?

POWER OF ATTORNEY

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

John F. Letchford **Reg. No. 33,328**
Evelyn H. McConathy **Reg. No. 35,279**

- [] I hereby appoint the practitioner(s) associated with Customer Number _____ to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.
- [] Attached, as part of this Declaration and Power of Attorney, is the authorization of the above-named practitioner(s) to accept and follow instructions from my representative(s).

Direct all telephone calls and correspondence to:

John F. Letchford, Esquire
DILWORTH PAXSON LLP
3200 Mellon Bank Center
1735 Market Street
Philadelphia, PA 19103-7595
Tel.: (215) 575-7000
FAX: (215) 575-7200

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

1. FULL NAME OF SOLE OR FIRST INVENTOR

William F. WALSH
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

INVENTOR'S SIGNATURE _____

DATE _____ COUNTRY OF CITIZENSHIP US

RESIDENCE 3129 Valley Road, Basking Ridge, NJ 07920

POST OFFICE ADDRESS SAME

2. FULL NAME OF SECOND JOINT INVENTOR (IF ANY)

Michael A. ARBOLINO
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

INVENTOR'S SIGNATURE _____

DATE _____ COUNTRY OF CITIZENSHIP US

RESIDENCE 21 Wetherill Drive, R.D.3, Freehold, NJ 07728

POST OFFICE ADDRESS SAME

3. FULL NAME OF THIRD JOINT INVENTOR (IF ANY)

(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

INVENTOR'S SIGNATURE _____

DATE _____ COUNTRY OF CITIZENSHIP _____

RESIDENCE _____

POST OFFICE ADDRESS _____

**ADDED PAGES TO COMBINED DECLARATION
AND POWER OF ATTORNEY**

- ☐ Signature for subsequent joint inventors. Number of pages added: __
 - ☐ Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added: __
 - ☐ Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR § 1.47. Number of pages added: __
 - ☐ Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR § 1.47)
 - ☒ Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.
Number of pages added: __
 - ☐ Authorization of practitioner(s) to accept and follow instructions from representative.
- ☐ This Declaration ends with this page.

**ADDED PAGES TO COMBINED DECLARATION
AND POWER OF ATTORNEY FOR DIVISIONAL,
CONTINUATION OR C-I-P APPLICATION**

(complete this part only if this is a divisional, continuation or C-I-P application)

**CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S)
UNDER 35 U.S.C. § 120**

I hereby claim the benefit under **35 U.S.C. § 120** of any United States application(s) or PCT international application(s) designating the United States of America, listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in such prior United States or PCT international application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information

☒ that is material to patentability as defined in 37 CFR § 1.56

☒ and that is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent,

that occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application. (37 C.F.R. § 1.63(e)).

☐ In compliance with this duty, there is attached an Information Disclosure Statement, in accordance with 37 C.F.R. § 1.98.

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. § 120:**

U.S. APPLICATIONS		STATUS (CHECK ONE)		
APPLICATION SERIAL NO.	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
09/253,880	2/22/99		x	

PCT APPLICATIONS DESIGNATING THE U.S.		
PCT APPLICATION NO.	PCT FILING DATE	U.S. APPLICATION SERIAL NOS. ASSIGNED (IF ANY)

**35 U.S.C. § 119 PRIORITY CLAIM, IF ANY,
FOR ABOVE-LISTED U.S./PCT APPLICATIONS**

DETAILS OF FOREIGN APPLICATION FROM WHICH PRIORITY CLAIMED UNDER 35 U.S.C. § 119			
ABOVE APPLICATION NO.	COUNTRY AND APPLICATION NO.	DATE OF FILING (DAY/MONTH/YEAR)	DATE OF ISSUE (DAY/MONTH/YEAR)